

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-50 (Cancelled).

51. (Currently Amended) An isolated monoclonal antibody or fragment thereof, comprising a light chain variable (V_L) domain comprising an amino acid sequence selected from the group consisting of SEQ ID NO:43, SEQ ID NO:44 and SEQ ID NO:46, wherein said isolated monoclonal antibody or fragment thereof binds to gp120 and gp120(421-436).

52. (Currently Amended) The isolated monoclonal antibody or fragment thereof of claim 51 4, which is an F_V or single chain F_V (scF_V) fragment.

53. (Previously Presented) The isolated monoclonal antibody or fragment thereof of claim 51, comprising:

a light chain variable (V_L) domain comprising SEQ ID NO:44; and

a heavy chain variable (V_H) domain comprising SEQ ID NO:45.

54. (Previously Presented) The isolated monoclonal antibody or fragment thereof of claim 53, which is an F_V or single chain F_V (scF_V) fragment.

55. (Previously Presented) The isolated monoclonal antibody or fragment thereof of claim 51, comprising:

a light chain variable (V_L) domain comprising SEQ ID NO:46; and

a heavy chain variable (V_H) domain comprising SEQ ID NO:47.

56. (Previously Presented) The isolated monoclonal antibody or fragment thereof of claim 55, which is an F_V or single chain F_V (scF_V) fragment.

57. (Previously Presented) The isolated monoclonal antibody or fragment thereof of claim 51, comprising a light chain variable (V_L) domain comprising SEQ ID NO:43.

58. (Previously Presented) The isolated monoclonal antibody or fragment thereof of claim 57, which is an F_V or single chain F_V (scF_V) fragment.

59. (Previously Presented) An isolated monoclonal antibody or fragment thereof comprising:

a heavy chain variable (V_H) domain comprising an amino acid sequence selected from the group consisting of SEQ ID NO:45 and SEQ ID NO:47.

60. (Previously Presented) The isolated monoclonal antibody or fragment thereof claim 59, which is an F_V or single chain F_V (scF_V) fragment.

61. (Currently Amended) A pharmaceutical composition for prophylaxis or therapy of HIV comprising the isolated monoclonal antibody or fragment thereof of claim 51 and a pharmaceutical carrier.

62. (Currently Amended) A pharmaceutical composition for prophylaxis of therapy of HIV comprising the isolated carrier monoclonal antibody or fragment thereof of claim 53 and a pharmaceutical carrier.

63. (Currently Amended) A pharmaceutical composition for prophylaxis or therapy of HIV comprising the isolated monoclonal antibody or fragment thereof of claim 55 and a pharmaceutical carrier.

64. (Currently Amended) A pharmaceutical composition for prophylaxis or therapy of HIV comprising the isolated monoclonal antibody or fragment thereof of claim 57 and a pharmaceutical carrier.

65. (Currently Amended) A pharmaceutical composition for prophylaxis or therapy of HIV comprising the isolated monoclonal antibody or fragment thereof of claim 59 and a pharmaceutical carrier.